

What is claimed is:

1. A 16S rDNA which has the base sequence of SEQ ID NO:1.
2. An oligonucleotide probe which comprises part of the base sequence of SEQ ID NO:1.
3. The oligonucleotide probe according to claim 2 wherein said part of the base sequence
5 of SEQ ID NO:1 comprises the base sequence of SEQ ID NO:2.
4. The oligonucleotide probe according to claim 2 or 3 for detecting or identifying a
bacterium selected from the group consisting of *Psychrobacter pacificensis*,
Psychrobacter glacincola and analogs thereof.
5. A method for detecting or identifying a bacterium selected from the group consisting
10 of *Psychrobacter pacificensis*, *Psychrobacter glacincola* and analogs thereof, using an
oligonucleotide probe comprising part of the base sequence of SEQ ID NO:1.
6. The oligonucleotide probe according to claim 2 or 3 for specifically detecting or
identifying a bacterium belonging to *Psychrobacter pacificensis*.
7. A method for specifically detecting or identifying a bacterium belonging to
15 *Psychrobacter pacificensis*, using an oligonucleotide probe comprising part of the base
sequence of SEQ ID NO:1.
8. *Psychrobacter pacificensis*, which is aerobic, gram-negative, nonmotile, colorless,
non-sporulating and oxidase-positive.
9. The bacterium belonging to *Psychrobacter pacificensis* according to claim 6 wherein
20 the bacterium is *Psychrobacter pacificensis* NIBH P2K6 (FERM BP-7106).